0590

#11



OIPE

## ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/041,672C

DATE: 12/19/2002 TIME: 09:08:35

Input Set : A:\NHL-NP-36.ST25.txt

Output Set: N:\CRF4\12192002\J041672C.raw

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3 <110> APPLICANT: Mologen Forschungs-, Entwicklungs- und Vetriebs GmbH
          Universitat Zurich
  6 <120> TITLE OF INVENTION: FELINE INTERLEUKIN-12 AS IMMUNOSTIMULANT
  8 <130> FILE REFERENCE: NHL-NP-36
 10 <140> CURRENT APPLICATION NUMBER: 10/041,672C
 11 <141> CURRENT FILING DATE: 2002-01-08
 13 <160> NUMBER OF SEQ ID NOS: 11
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEO ID NO: 1
 18 <211> LENGTH: 990
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
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 28 atggccatat gggaactgga gaaaaacgtt tatgttgtag agttggactg gcaccctgat
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 30 gccccqgag aaatggtggt cettacetge aatacteetg aagaagatga cateacetgg
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 32 acctctgacc agagcagtga agtcctaggc tctggtaaaa ctctgaccat ccaagtcaaa
                                                                          240
                                                                          300
 34 gaatttgcag atgctggcca gtatacctgt cataaaggag gcgaggttct gagccattcg
 36 ttcctcctga tacacaaaaa ggaagatgga atttggtcca ctgatatctt aagggaacag
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 38 aaagaatcca aaaataagat ctttctaaaa tgtgaggcaa agaattattc tggacgtttc
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 40 acctgctggt ggctgacggc aatcagtacc gatttgaaat tcactgtcaa aagcagcaga
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                                                                          540
 42 ggctcctctg acccccaagg ggtgacttgt ggagcagcga cactctcagc agagaaggtc
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 44 agagtggaca acagggatta taagaagtac acagtggagt gtcaggaggg cagtgcctgc
 46 ccggctgccg aggagagcct acccattgaa gtcgtggtgg acgctattca caagctcaag
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 48 tacgaaaact acaccagcag cttcttcatc agggacatca tcaaaccgga cccacccaag
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                                                                          780
 50 aacctgcaac tgaagccatt aaaaaattct cggcatgtgg aagtgagctg ggaataccct
 52 gacacctgga gcaccccaca ttcctacttc tccttaacat ttggcgtaca ggtccagggc
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 54 aagaacaaca gagaaaagaa agacagactc tccgtggaca agacctcagc caaggtcgtg
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 56 tgccacaagg atgccaagat ccgcgtgcaa gccagggacc gctactatag ctcatcctgg
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 72 cacctcagtt tggccaggaa cctccccaca cccacaccaa gcccaggaat gttccagtgc
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 74 ctcaaccact cccaaacct gctgcgagcc atcagcaaca cgcttcagaa ggccagacaa
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76 actotagaat titacccotg cacttocgaa gagattgato atgaagatat cacaaaagat

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Input Set : A:\NHL-NP-36.ST25.txt

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	tcagctcact caaaggcggt a					120
	aacatgtgag caaaaggcca g					180
	tttttccata ggctccgccc c					240
	tggcgaaacc cgacaggact a					300
	cgctctcctg ttccgaccct g					360
	agcgtggcgc tttctcatag c					420
	tccaagctgg gctgtgtgca c					480
	aactatcgtc ttgagtccaa c					540
	ggtaacagga ttagcagagc g					600
	cctaactacg gctacactag a accttcggaa aaagagttgg t					660
220	ggtttttttg tttgcaagca g	agetetiga	cccggcaaac	aaaccaccgc	rggrageggt	720 780
	ttgatctttt ctacggggtc t					840
224	gtcatgagat tatcaaaaag g	atcttcacc	tagatcettt	taaattaaaa	atgaagtttt	900
226	aaatcaatct aaagtatata t	gagtaaact	tagacccccc	attaccaata	cttaatcact	960
228	gaggcaccta tctcagcgat c	totctattt	cattcatcca	tagttgcctg	actoccoato	1020
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232	cgagaccac gctcaccggc t	ccagattta	tcagcaataa	accagccagc	cadaaaaacc	1140
	gagcgcagaa gtggtcctgc a					1200
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242	ccgatcgttg	tcagaagtaa	gttggccgca	gtgttatcac	tcatggttat	ggcagcactg	1440
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			gatcttaccg				1680
			agcatctttt				1740
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			ttattgaagc				1860
			gaaaaataaa				1920
			agaaaccatt				1980
			tctcgcgcgt				2040
			cacagcttgt				2100
			tgttggcggg				2160
			gcaccatatg				2220
			ccattcgcca				2280
272	tcggtgcggg	cctcttcgct	attacgccag	ctggcgaaag	ggggatgtgc	tgcaaggcga	2340
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			tccgctagct				2460
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			cctggctgac				2580
			gtaacgccaa				2640
			cacttggcag				2700
			ggtaaatggc				2760
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			gccccattga				3000
			ggtttagtga				3060
			ccctggtttt				3120
			ttgtagagtt				3180
			ctcctgaaga				3240
			gtaaaactct				3300
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			ggtccactga				3420
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			tgaaattcac				3540
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			tggagtgtca				3660
			tggtggacgc				3720
			acatcatcaa				3780
322	gccattaaaa	aattctcggc	atgtggaagt	gagctgggaa	taccctgaca	cctggagcac	3840
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320	caagatccgc	grgcaagcca	gggaccgcta	ccatagetea	teetggagea	actgggcatc	4020
			tcataatcag				4080
			tcccctgaa				4140
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Input Set : A:\NHL-NP-36.ST25.txt

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VERIFICATION SUMMARY

DATE: 12/19/2002

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Input Set : A:\NHL-NP-36.ST25.txt